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features



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Homeowner's Handbook: Installing a Locksell
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Great Gazebos

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Now You See it. Now You Don't Harvesting the Rain

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to our national snonsers for their ongoing support of This Old House.









## Enterproyed-Line Charlication

Parence Retents

who install high-efficiency turnings, ballers,

Liable Want On in Georgia' Diant 2007 year



NORE SPACE WHERE YOU HEED IT

Welcome to the Conspost" refrigerator from Whirippel brand. Remarkable, the ice has been moved to the door, giving you more useble coarse baside. Shadors fall secon with a black on wha'll have some more man to manescer. It's the canquest of space. Solar the view,





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FINGERPRINTS

## ON THE JOB

#### Hot New Joint Tom Silva disnovars a timesaving tool

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Tars Silva, The Old House conerd contractes help than added to be several of sook. The beach too power sool-day so, and more efficiently than any method be's used to the our.

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for the states more at the TV show's preparable beauti er Manchester, Manachasters. Privat or \$3,300, the machine is period traced confessionals, but Ton Joseph Records the screen borne embusines. The met a lot of

> reference out of this one " A smaller year and trim cargonary is also evallable.

Plante "loss-to" smert or









### ON THE JOB



### Permanent Pediment

When a corner to re-consists extend the test of time

When it comes to re-creating enterior details on a manestrox, Ten fairs to a performent. But he doesn't wate to duplicate the ret and were that have cut short the life of the wooden original linstend, he tries to much the original diagon same damble consistence.

materials and weather restream construction methods.

He recently followed this practice when he restreed
the current podement also with a portice at the Man-

The old padiment or the Manchatter project Journ (above 1327) clear 1558; residently withit and had to be assessed. Tree film recontrol from Manchatter had project and building melicals, and building melicals, and in MDO, widow medica, and a statedown residently. Retrial death was made satisfyed alweed; remainly either agricult beauth and the first production of the committy either and satisfy the removation. First retriated are sufficient to the disablest-leaving restrictly (MOD) right-vectod. The the same thing often used in readar mond agric, weed. The the same thing often used in readar found agric, and the same thing of the weeds the same thing of the weeds the same than t

thrusting and crucking, and, thir MDO, they take paint extremely well. He built a "crucket" behind the pedment, covered with a double layer of rubber membrane, to direct water to either nele

and protect the roof under the ornaneaux.
In the cornet, You contained a small MIOO players commensating the year as which the house was bealt—1883. That convend, the horne will each its become mail long before Town to this perimen needs replacing. —0.02.





## HOUSE CALLS WITH STEVE



Retro Redo A 1930s intohen nets an

without losses the old over's second obstactor when their eachitect. Rean Thore, of

29 years, also of from the memors they



ovecos," styr Seve, "is that the kitches is a hereig mass functional version



















## HOUSE CALLS WITH STEVE

studies neeks and comment to otherers and dowers to a any katalon," says Stove Thomas. "You yast have to work. at finding them." Obviously, the time to reserve state ordering orbitetry, take an investory of everytten you waar to keep in the kinchen, and think about where and how you'll not them when properties result. That will hele space or existing columns, 'notificed baskets, were box, plate racks, drawer dividers, and other assumptor can be our-













single conditions of angoth design brids helpen Spring operation MX quarter Date standard range booth every elemthis is great value, showing you as easily update the look of your liketion without PR BROAN-NUTONE header for help for single out 1-800-810-7526 or sist eventrope currences.

## ASK NORM

#### Professional tips on supporting floors, reusing windows, and changing a roof's color

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and get back to your party.

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floor is being manifed, such as the mand by where the means the aid and the need to cur down term and doors. INO A PLOOR PROM ABOVE

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## **Directions:** Remove cap. Fill cracks.



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UXURIES



Now You See It, Now You Don't Flat-screen Tvis can disappear when the show is over



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### LUXURIES







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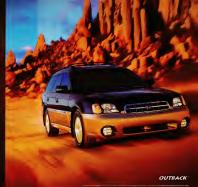


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"See a trivial." We make you will drop you and "worse like Sife the make who who who childrening do so you be improvious there on a Franc-Cabb Sife" won't bend the fat alluminary should if he say in the ground. Only in other hands, a cool model should be a say.



## SAWED-OFF. PINT-SIZED. PUNY.

(THE ACCOLADES JUST KEEP ON COMING)



CRAFTSMAN

#### Norm's Om dar-Saw Basins suler saws can be denocross. Always wear selety classes and



Setting Blade Depth Support the madernal on a bench or two strong sawhorses, overhanging proportion that the



TIP: For 60-degree grosscuts, use a speed aguers to guide

Place lines shows of element an 2nds had across suphernes and







TALKING SHOP



Plunge Cutting\* A year liderly replace through the first of a bestel Sighten the lever oligitals to keep the bleds from drapping, but don't look it at the way. Bring the

- More Saw Tips From Norm-

TRY Make sure to start back for enough Peterling the out in the readth of a board



Ripping Wider Lumber



# asonite has a better way





An a promise name blacks on the sun a utility latife before outing TIP Was setting a finished





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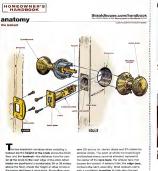
HANDBOOK



Installing a Lockset

BY SCOTT CIRCON PROTOGRAPHS BY DATIC CARRACK





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doors, make sure there is a solid look red at the



• One you have for the platen two somes with a National Mr.

. All the this publish knot with the months through the three hore.



· Using a citized cut about the outflow as deep as the pints is







Drill the Edge Pore · Dell into the edge of the door at medium speed until the tip of Reduce promure on the still be asset treated out recess wood.



### tools&hardware



- 4. Tage messure
- 11. Finding corrected intoh plats 12. Cardinard temptris (included
- 14. Radius expressed above plate the feature-mortised lended mely 750-leach bill

#### "If the door rattles when closed, bend the metal tab in the strike plate's opening out slightly. That will tighten the door's fit." -- House Assault

## tool spotlight

"For one or two doors, I'll dell the borns treetend," worker port fester to use a boson ite." This coststeel device (a) is really a heavy-duty version of Include with their locksets. The Eq. which can

backsets, clamps onto the door end aligns and face bore (b) and another for the armeter edge how (e). A cutch-chappen churck (eff sments) awaching between bits. This \$200 kit includes a edge large and is used to accurately mark the location of the strike plate on the doorlards.







Drill the Strike-Plate Mortise • Close the door will the both touches the edge of the

. With a sensor, and not thin must account the lasts to the . Use a N-Inch spade bill to drill two partially averlapping Install the Strike Plate

## THIS OLD HOUSE

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-Engineered-stone SEPTEMBER On sale



Chaptered androids Technical of Physics Admicrostrations Commission, Enter the Fathers an information Production





The reselberhood was developed in the 1990s, carved from a penal of lead known as "The Flats," between Writchestor's help sed the Aberroto Error, grapous, unde sed out, lock granters, the country one to the floor

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Kabuna-lw-the-Sea.

phomograph of their Manchester, Massachuserts, house and said, "We ware to yet at back to this." Maybr it was a few weeks large, when the sorth Dampster was hauled away. or even as last as when the windows showed up in a tractor trailer that sook aix layurs so usload. But, sooner or later, every member of the Tim Old House crew had his or her moment of realisation: This was the Box

> In the end, Manchester was the longers and most expensive responstion we'd ever undertaken with homowyees. But the 10 menths and \$1.5 million budget yielded an two-popping result, no less than the orbitals of a once lost building. The 1883 house. apply described at the besymme of the oroject as looking like "a morel in Hyannis" Irranslation for non-New Englanders "an the seaside beauty is was at the



THIS OLD HOUSE TV PROJECT FINALE/MANCHESTER



onginal Stringle Style building was done up at Colonial Rentral finery.

We'd all been infected with the spirit of the venture, which had its record in the

McCues' strong feelings about the historical importance of their bone and their

desize to preserve what old bits were left. That's why printer John Dee spens attrold hours passaolingly restoring the intensity detailed partico, and why Jacot McCae pessed the litters of accertal friendships as site and her weekend warnion reglated the curved distressed wardows of the old live in the hittens. new trusts note, the integral rang if was permit allo, is architect by leases inglaneses. The note period look is round with thickenincide architect gas from of qualiformium , metagang punning



But it was reconstructing what had been lost that took up the bulk of the turn and money. Where trappropriate white-codes shingles were, on wear and code. Where skylughes had been, the old downers were rebuilt. Where

an create wrighted ordered a freezend countries of the consent came test, given release countries of the consent came test, given release consent test, given release consent countries of the consent countries of the consent countries of the cou



beautiful mahogany kitchen was built the

TDM easure corporare Nem Arean, And locause the original wood rook, time, and divided hight windows had been lost parrily due to their decreivements in the sensite centries ment, we made see, where parring from body, no build them from long-losting, low-matterness meetings. So year-worstand wood shage is for the root, where he windows.

hand the nate was for fully who have young of many assets. The year weigh chancy were plant and the plant and pl

ONE PART ROMANCE + TWO PARTS PASSION =







laptop computer, with the materials cur in the Madwest and assembled in a nearby workshop. But foncy materials and high-each methods diffrit solve all our problems. As usual, TOH senenal commerce Tom Salva provided solutions to one of the most vexing challenges the conqual building posed. The first floor, especially the long, narrow living room, felt cramped beaunth a low ceiling.

urrantustation make the dressed part of the problem by the college and our of the way, on 19910-corlepans most

greens the Houses of builder But the McCass warned to take things further and expand the area into one large space to hold both the kitchen and the family room. Enter Tomeny, First he engi-

merryl ope dramatic afternoon like a gizzt peodle through a hole in the side of the house. That opened the room up, but what thoughthe low coffees? As we all discussed the property ones of raigner the entire or low-rive the Soor. Torony querty worked our a way to attempthen the ceiling

inists with then steel phases and

secred a wood-padded I-beam.







shave off the jost bottom, gaining, 2 inches of room beight. They proved to be crucial inches, giving the room a feeling of height while preserving the floors below and above.

In the whart of maternal deliveries, weather worries, subcontractor sequencing, on the spot problem solving and the thousand other decils that EU the air of a construction job, the altimate goal sometimes gets a bit obsound. But in the final low down, the



boury of the balding carring from knowth its matter de tools, booss, and due. Cartepopele and crust ulpithy deared, jorned other guests at the wrap party and sure that, undeed, the new boose worked. One water observed that the baldings was both worked also grangerers, with its many windows giving ocean vives, and iterated by careful, the beautiful orough odd substanced time, and allry-smooth pains pilot mich called colorising the ocean great book inside. Note Jay, we think:



seed receive seed nevertee Mays. The new cased had be the record floor of focus is got four the past of a water or got four the past of a water or got of the second floor that water the second floor that and of the second floor that the theory of the second of the second of the second floor that the theory of the second floor into that the second floor of the theory of the the that that care grown of the the second floor of the second of the or the second floor of the second of the or the second floor of the second of the second





that draw buttle lines as sharply as your siding. Proponents harp on the fact

that it never needs painting, while its detractors insist that houses should never be covered with anything but roal wood. As a building material, viryl safting is relatively new-it was introduced in the late 1950s as a substitute for obmission siding. But its regulation was tamished in the early days when it gracked, foded, butklad, and sanned Oronico changes in the product's chemistry and installation techreques have improved its performance and furthered its ac-

Installer Jee Pagere captance by builders and homeowners. In fact, viryl has cuptured 32 percent of the U.S. siding market for





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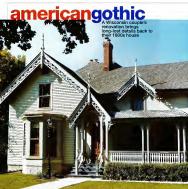












orturn that no one also in the family wanted. Roy and Jp Cole wondered where they would ever put it. Their newly remodeled 2,000-squere-foot 1990s Colonal in the Milwayisee auturb of Waywalose wasn't big anguish. So they started search-





rambano 3.000-aculare-foot Gothic Revival, with steeply outshed publies dispoint with angerbreed, on a half-acre lot about a mile away in the same town. With 12 rooms, the mid-19th century dwelling was spaceous enough to accom-

modate the family berforms. and the fine old pieces motched the period of the house "Instead of buying a there pertitine, we decided to full-time," says Jo.

ing for something they had

been screly neclected, francis

both approaching retirement Circ from teaching and Roy from his job as a mechangallengineer), would work themselves into early graves. Structure decades of paint and denote well paper from integer walls and removing stainless steel aiding from the

BY CARRIE LORANGER GARKS, PROTOGRAPHS BY TON SURARIS









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# **SUBURE RENEW**

After a fire, a couple rebuild their classic 1950s house

Herold remembers wondering why there were sheets of ood covering the glass panels in his entryway that Presis' Day in 1998. He knew for a fact the plywood wasn't there and-a-half hours earlier when he and his wife, Tiss, stepped for an afternoon hike. But two-and-e-half hours turned out be more than enough time for three-day-old fireplace ashes placed in a wastebasket to ignite. The blaze that followed gutted the Heroids' house and nearly extinguished their dream.



is light and trentop views. Rabeliding it to earthquites code award tratalling safety glass quoval.

chough more date. 150 houses beliefen deep faund whose whose whose modern beliefe that the faund is made in preference whose whose modern beliefe that the fair relating specim or review as modern beliefen that the fair relating specim or review and the control of the control

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this house with a nation-designed look. We below this time had theller must end endow development Colden speciment to see al ing noted Galliomie designers Anabus & Allen, Jenes & Errences, and Glaude design affordable bornes for



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attention made, "admit jut, who has because on the intensive full-time scars School Volley's decora creat-core from on a operative consistent last seasons. Four-mode shall prace, the Hessida hore worked hand or loand if the property completions, challing up their seasons to "sheer recomments and learn" Seer Time. "His been shallengous, but





# despend or bult from a lot. a backyard palaof bu whole place to unit of the place to the Gazebos

tangular, or round: have sleek lines; and at close, built in this also wonderful for entertainmy. We nonto the house, to encourage outdoor diving. They can sources six chairs around the table, but it's comeven be built right into a porch (see opposite) or onto ... fortable with four," she says of the 12-foot-wide pourion.

a deck, pato, or pool surround.

Say "gazabo" and what aprings to most people's For Rathin Keels, a homeowner in Pasadona, Calrand is an octagonal white garden building at the I forms, the formal redwood graphs in the one cardio. and of a long awarp of lawn. Although many page- Just steps from her Tudon-style house (shown on page) box do fit this traditional phosethread-terrinord image. 1378 is a welcoming retired. This way proport and netoday's versions are just as Keely to be square, rec- vate, but because it has lights and starge speakers.

pointed deep hunter green.

A nazeho is neneraty riofinari eo a fronstanding, open-aded structure with a solid roof and (usually) a foor, though clearance are constantly minterpreting

the form. While traditionally made of wood, casebos elso can be built of creto. Cedar and redwood are too wood choices for their stability and weether resistance, and both can be painted or left unfinished. Pressuretreated lumber is a less expensive aption, but it should be opvered with a semitransparent stain. Floors, which

are often raised by one or two staps.















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